

# SYSTEM AND METHOD OF MONITORING OR REPORTING BATTERY STATUS OF IMPLANTABLE MEDICAL DEVICE

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## ABSTRACT

This document discusses, among other things, a system and method of monitoring or reporting battery status of an implantable medical device. The battery terminal voltage and charge delivered are measured. Before the battery terminal voltage falls below an Elective Replacement Indicator (ERI) threshold voltage, a charge-delivered indication of battery status is provided. Thereafter, a battery terminal voltage indication of battery status is provided. The Elective Replacement Indicator (ERI) and End of Life (EOL) threshold voltages are each functions of delivered battery current. A fault current detection is also provided. A device temperature sensor discounts the battery voltage reading when the device is too cold.

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